

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	calculat\$4 distance between boundar\$4 and interpolat\$4 thick \$4 with tunica media and tunica intima	US-PGPUB; USPAT; USOCR; DERWENT	WITH	OFF	2011/07/29 10:23
L3	2	"600".clas. and calculat \$4 distance between boundar\$4 and interpolat\$4 thick\$4 with tunica media and tunica intima	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/07/29 10:24
L4	0	"382".clas. and calculat \$4 distance between boundar\$4 and interpolat\$4 thick\$4 with tunica media and tunica intima	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/07/29 10:25
L5	0	600/453-454.ccls. and calculat\$4 distance between boundar\$4 and interpolat\$4 thick \$4 and tunica media and tunica intima.clm.	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/07/29 10:29
L6	0	600/437.ccls. and calculat\$4 distance between boundar\$4 and interpolat\$4 thick \$4 and tunica media and tunica intima.clm.	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/07/29 10:29
L7	0	600/407.ccls. and calculat\$4 distance between boundar\$4 and interpolat\$4 thick \$4 and tunica media and tunica intima.clm.	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/07/29 10:29
L8	0	600/465.ccls. and calculat\$4 distance between boundar\$4 and interpolat\$4 thick \$4 and tunica media and tunica intima.clm.	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/07/29 10:29

L9	0	600/441.ccls. and calculat\$4 distance between boundar\$4 and interpolat\$4 thick \$4 and tunica media and tunica intima.clm.	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/07/29 10:29
L10	0	600/479.ccls. and calculat\$4 distance between boundar\$4 and interpolat\$4 thick \$4 and tunica media and tunica intima.clm.	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/07/29 10:30
S1	12	"6132373"	US-PGPUB; USPAT	OR	OFF	2009/03/01 00:37
S2	11	((MITSUHIRO) near2 (OSHIKI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/01 00:44
S3	41	((RYUICHI) near2 (SHINOMURA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/01 00:46
S4	0	tunica intima lunica and bright\$4 distribution pixel\$1 and doppler blood and extract\$4 and externa reference\$1 and treshold\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/01 01:00
S5	0	tunica intima lunica and bright\$4 distribution pixel\$1 and doppler blood and extract\$4 and externa reference\$1 and threshold\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/01 01:00
S6	3	tunica intima and bright\$4 distribution pixel\$1 and doppler blood and extract\$4 and externa reference \$1 and threshold\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/01 01:00
S7	12	tunica intima and bright\$4 distribution pixel\$1 and doppler blood and extract\$4 and externa reference \$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/01 01:05
S8	12	tunica intima and bright\$4 distribution pixel\$1 and doppler blood and extract\$4 and tunica externa	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/01 01:09

S9	1	tunica intima and bright\$4 distribution pixel\$1 and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/03/01 01:10
S10	12	tunica intima and bright\$4 distribution pixel\$1 and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/01 01:10
S11	12	tunica intima and bright\$4 distribution and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/01 01:10
S12	2	tunica intima and bright\$4 distribution and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/03/01 01:10
S13	1	binarization process tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/03/10 16:20
S14	1	binarization process tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:20
S15	1	binarization process and tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:20
S16	2	binarization process and tunica intima	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:21
S17	2	binariz\$5 process and tunica intima	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:22
S18	2	binariz\$5 process and intima	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:23
S19	11670	binariz\$5 process	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:23
S20	6504	binarization process	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:23
S21	62	binarization process and doppler	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:23

S22	43	binarization process and color doppler	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:24
S23	39	binarization process and color distribut\$5 doppler	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 16:24
S24	4	"6352509"	US-PGPUB; USPAT	OR	OFF	2009/03/10 18:54
S25	0	600/437.ccls. and binarization process and tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 18:54
S26	0	600/437.ccls. and binarization process and tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/03/10 18:55
S27	0	600/407.ccls. and binarization process and tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/03/10 18:55
S28	7998	600/407.ccls. and binarization process and tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/10 18:55
S29	1349	S28 and binar\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/10 18:55
S30	709	S28 and brightness distribution	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 18:55
S31	0	600/465.ccls. and binarization process and tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/03/10 18:58
S32	0	600/465.ccls. and binarization process and tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 18:58
S33	0	600/4668ccls. and binarization process and tunica intima and color distribution and doppler and extract\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 18:59

S34	0	600/468.ccls. and tunica intima and bright\$4 distribution pixel\$1 and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 18:59
S35	0	600/453.ccls. and tunica intima and bright\$4 distribution pixel\$1 and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 18:59
S36	0	600/455.ccls. and tunica intima and bright\$4 distribution pixel\$1 and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 19:00
S37	0	600/450.ccls. and tunica intima and bright\$4 distribution pixel\$5 and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 19:00
S38	2	600/454.ccls. and tunica intima and bright\$4 distribution pixel\$5 and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 19:00
S39	0	600/455.ccls. and tunica intima and bright\$4 distribution pixel\$5 and doppler and extract\$4 and tunica externa and boundar\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/03/10 19:00
S40	15	((MITSUHIRO) near2 (OSHIKI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/12 15:46
S41	42	((RYUICHI) near2 (SHINOMURA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/12 15:47
S42	0	MEASUR44 COMPOSITE THICKNESS WITH TUNICA INTIMA AND TUNICA MEDIA	US-PGPUB; USPAT	AND	OFF	2009/10/12 15:48

S43	26	MEASURE COMPOSITE THICKNESS WITH TUNICA INTIMA AND TUNICA MEDIA	US-PGPUB; USPAT	AND	OFF	2009/10/12 15:48
S44	92	calculate distance between boundary and intima pixel	US-PGPUB; USPAT	AND	OFF	2010/10/09 19:12
S45	92	calculate distance between boundary and intima pixel	US-PGPUB; USPAT; USOCR	AND	OFF	2010/10/09 19:12
S46	1	"10593072"	US-PGPUB; USPAT	OR	OFF	2011/01/12 15:16
S47	1	"10593072"	US-PGPUB; USPAT	OR	OFF	2011/01/12 15:16
S48	1	"10593072"	US-PGPUB; USPAT	OR	OFF	2011/01/12 15:17
S49	1	"10593072"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/12 15:18
S50	1	"10593072"	US-PGPUB; USPAT	OR	OFF	2011/01/12 15:18
S51	1	"10593072"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/12 15:19
S52	1	"10593072"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2011/01/12 15:19
S53	1	"10593072"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2011/01/12 15:20
S54	1	"10593072"	US-PGPUB; USPAT; USOCR	AND	OFF	2011/01/12 15:21

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